

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 10:56 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 720 Const Calendar Day: 165 Date: 16-Nov-2012 Friday
Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 08:00 pm 04:30 am Break: 00:30 Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather****Temperature** 7 AM 50 - 60 12 PM 50 - 60 4PM 50 - 60**Precipitation** 0.40"**Condition** Mostly rain with overcast skiesWorking Day ☐ If no, explain:**Diary:**

Dispute

Work description.

- ABF ironworkers began their shift at 8:00pm Friday November 16th and worked 12hrs until 8:30am Friday morning November 17th. See Parviz Jalali and Bob's diaries for the installation/gap measurements for the Lead + Steel shims, labor, and equipment. The majority of the shift consisted of shim placement in the E-Line SAS. No measurements were taken on the Hinge A pipe beams tonight as there was no adjustments made. I am on call to perform any measurements when the time comes however I will be working on other issues such as the one below in the downtime. See Bob Brignano's diaries on Saturday and Sunday regarding the North W-Line Hinge A pipe beam alignment operations and QA check.

- Continued to review RFI 3096R00 "Cable and OBG Load Transfer: Movements between PP104 and PP110. Continued to assess the offsets measured by ABF surveyors and which points they used to determine the longitudinal offset between the the cable band and brackets.

Began to analyze the measurements taken last night with the laser level as a way to measure the cable band and suspender bracket alignment. Used the cable band shop drawings and submittal 1699R01 to try and find the angle of the cable band to adjust the Caltrans laser level measurements with the ABF total station measurements and calculation. Once again it should be noted that ABF shot the inboard side of the cable bands where as the laser level measurements were taken on the outboard side.

- Began to prepare for surveying cable bands 104 to 110 to verify the survey done by ABF and the proposed distance to move the cable bands east. Preparations include working on equipment to be used for finding the top dead center of the cable band.

- Showed Bob Brignano the top dead center and horizontal skew marks on the W-Line Hinge A pipe beams so that he could perform measurements this weekend in my absence. Also we calibrated the SMART level so that the Hinge A pipe beams could be checked in both directions without any residual errors.

- Wrote outstanding diaries for the week.

Attachment

ddrRptbyBidItem

Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 720

Date: 16-Nov-2012 Friday



Filler shim seen in the Skyway at Diaphragm D looking west for grouting the annulus between the bearing shoes and circular sleeve plate.



Composite lead and steel shims seen in the SAS North Diaphragm B looking west.